

**Appendix K: BNL Crane/Hoist Hooks Inspection**  
(By Plant Engineering Division Hoisting and Rigging Inspector)

**BNL CRANE / HOIST INSPECTION**

This inspection **shall** be done at least once a year and recorded on this form and attached to the BNL CRANE / HOIST ANNUAL INSPECTION record. It should be done at the same time as the crane / hoist inspection.

On all reload testing of cranes / hoists the **hook shall also be reinspected**.

A copy of this inspection shall be kept on file with the crane / hoist inspection report

1	No visible transverse cracks permitted on hook or hook shank.
2	Affix tram points to hook with center punch as indicated in Figure 1. This would be the narrowest part of the hook.
3	Affix tram points to hook as indicated by BB, Figure 1. This will be the same measurement as AA.
4	If AA dimension increases more than 15% of BB or original throat opening, the hook shall be replaced. See Figure 1.
5	If Hook is twisted more than 10 degrees from the center plain of hook (CC Figure 2) it shall be replaced.

**NOTE:** Hooks shall be equipped with latches unless the application makes the use of the latch impractical. When required, a latch **shall be** provided to bridge the throat opening of the hook for the purpose of retaining slings; chains, etc. under slack conditions. Refer to ANSI B30.10

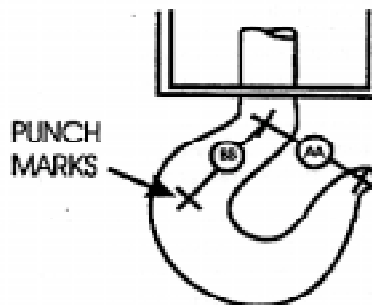


Figure 1



Figure 2

HOOK	DATE	PRE OR POST TEST	SINGLE HOOK DIM.	NORMAL THROAT OPNS.		% OF TWIST ANGLES FOR CC	INSPECTED BY
				FOR AA	FOR BB		
MAIN HOOK							
AUX. HOOK							